

TEHRAN POLYMER SABA

SABAMIDE 6630B



Description

Sabamide 6630B is a 30% glass fiber reinforced polyamide 6, which is designed to fulfill applications with high mechanical requirements. It provides high thermal stability and superior mechanical properties along with good processability.

Characteristics

SABAMIDE 6630B is Glass Fiber Reinforced PA66, 30% by weight and black color for injection molding.

Applications

Injection molding, Auto's parts

Properties

Physical

	METHOD	UNIT	VALUE
ASH CONTENT	ASTM D5630	%	30
DENSITY	ASTM D792	g/cm ³	1.35
MOISTURE CONTENT	ASTM D6980	%	0.21

Mechanical

TENSILE STRESS @ yield (50 mm/min)	ASTM D638	MPA	130
ELONGATION @ BREAK (50 mm/min)	ASTM D638	%	5
FLEXURAL MODULUS (2 mm/min)	ASTM D790	MPA	7800
IZOD NOTCHED IMPACT STRENGTH @ 23 C	ASTM 6110	kJ/m ²	9
HARDNESS	ASTM D2240	SHORE D	83

Thermal

Heat Deflection Temperature @1.8 MPa	ASTM D648	C	230
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Processing Conditions

DRYING TEMPERATURE	--	C	95
DRYING TIME	--	HOUR	2-4
BARREL TEMPERATURE	--	C	285-295
MELT TEMPERATURE	--	C	270-280
HOLD PRESSURE	--	MPA	40-70

Notes:

These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.

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